| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ...g and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working ...ssure 25mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall ...clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | m | 100 | | 117.72 | 0.00 | 0.00 | 0.00 |
| 124 | Providing stoneware gully trap of approved quality and make fixing in M-15 and plastering with CM 1:3 wherever necessary.( Rate includes cost of all materials, fixtures and lead) 10cms x 10cms ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | Nos | 14 | | 199.8 | 0.00 | 0.00 | 0.00 |
| 125 | Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications. ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | Ltr | 4000 | | 6.48 | 0.00 | 0.00 | 0.00 |
| 126 | Providing and fixing in position brass gate valve with C.I wheel of approved quality ( screwed end ) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | nos | 4 | | 648.0 | 0.00 | 0.00 | 0.00 |
| 127 | Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 25mm dia nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | Each | 9 | | 654.48 | 0.00 | 0.00 | 0.00 |
| 128 | Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | Each | 30 | | 293.76 | 0.00 | 0.00 | 0.00 |
| 129 | Providing and fixing white vitreous china clay, water closet European type ( Pedestal type, S-trap ) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre white glazed vitreous china clay low level, flushing cistern ( all are approved make ) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials ,labour complete as per specifications ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | Each | 18 | | 5351.4 | 0.00 | 0.00 | 0.00 |
| 130 | Providing and fixing white vitreous china clay, angle back wash basin size 600x480mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | Unit | 25 | | 3383.64 | 0.00 | 0.00 | 0.00 |
| 131 | Providing and fixing C.P. brass towel rail 600 mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications, ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | nos | 16 | | 766.8 | 0.00 | 0.00 | 0.00 |

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| 132 | ...ding and fixing 1500x450mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | Unit | 10 | | 1833.84 | 0.00 | 0.00 | 0.00 |
| 133 | Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, HOM of equipments and testing complete as per specifications. ---- All terms and condition are as per Tender Document and as per the direction of Engineer-in-Charge | Set | 1 | | 1423.44 | 0.00 | 0.00 | 0.00 |
| E1 | Dismantling weather proof course and removing and conveying the debris to a distance upto 200m. | cum | 39.05 | 39.05 | 477.99 | 18665.69 | 39.05 | 18665.69 |
| E2 | Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. | cum | 36.35 | 36.33 | 5660.35 | 205640.70 | 36.33 | 205640.70 |
| E3 | Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. | Sqm | 144.94 | 144.94 | 1108.17 | 160618.34 | 144.94 | 160618.34 |
| E4 | Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. (Second Floor) | cum | 63.38 | 63.38 | 6391.65 | 405102.51 | 63.38 | 405102.51 |
| E5 | Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. **19/20mm dia 2mm thick** | Mtr | 368 | 368.00 | 40.67 | 14964.76 | 368.00 | 14964.76 |

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|---|---|---|---|---|---|---|---|---|
| E15 | wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A. **Medium point above 3M. upto 6M from tapping point to out let via switch** | Pts | 60 | | 203.33 | 0.00 | 0.00 | 0.00 |
| E16 | Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A. **Long point above 6Mtr. upto 10M from tapping point to out let via switch** | Pts | 62 | | 315.86 | 0.00 | 0.00 | 0.00 |
| E17 | Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A. **Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches** | Pts | 28 | | 400.03 | 0.00 | 0.00 | 0.00 |
| E18 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. **1.5 sqmm** | Mtr | 2184 | | 17.59 | 0.00 | 0.00 | 0.00 |
| E19 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. **2.5 sqmm** | Mtr | 1737 | | 27.61 | 0.00 | 0.00 | 0.00 |
| E20 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. **4 sqmm** | Mtr | 1140 | | 39.81 | 0.00 | 0.00 | 0.00 |
| E21 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. **6 sqmm** | Mtr | 90 | | 60.34 | 0.00 | 0.00 | 0.00 |
| E22 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A. **10 sqmm** | Mtr | 310 | | 102.14 | 0.00 | 0.00 | 0.00 |
| E23 | Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete. **1-3Way** | No | 4 | 4.00 | 78.49 | 313.97 | 4.00 | 313.97 |

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|---|---|---|---|---|---|---|---|---|
| | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall **1-3Way** | No | 26 | 26.00 | 86.06 | 2237.53 | 26.00 | 2237.53 |
| E25 | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall **4-5Way** | No | 5 | 5.00 | 92.68 | 463.39 | 5.00 | 463.39 |
| E26 | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall **6Way** | No | 38 | 38.00 | 114.43 | 4348.33 | 38.00 | 4348.33 |
| E27 | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall **8Way** | No | 15 | 15.00 | 132.40 | 1985.97 | 15.00 | 1985.97 |
| E28 | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall **10-12Way** | No | 8 | 8.00 | 150.37 | 1202.93 | 8.00 | 1202.93 |
| E29 | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. **1 to 3 Module** | No | 26 | | 103.08 | 0.00 | 0.00 | 0.00 |
| E30 | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. **4 Module** | No | 5 | | 115.38 | 0.00 | 0.00 | 0.00 |
| E31 | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. **6 Module** | No | 38 | | 163.61 | 0.00 | 0.00 | 0.00 |
| E32 | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. **8 Module** | No | 15 | | 189.14 | 0.00 | 0.00 | 0.00 |
| E33 | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. **10 Module** | No | 6 | | 214.67 | 0.00 | 0.00 | 0.00 |
| E34 | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. **12 Module** | No | 4 | | 252.50 | 0.00 | 0.00 | 0.00 |
| E35 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A **6Amps one way** | No | 235 | | 59.58 | 0.00 | 0.00 | 0.00 |

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|---|---|---|---|---|---|---|---|---|
| | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A **6Amps 3way socket** | No | 74 | | 89.84 | 0.00 | 0.00 | 0.00 |
| E37 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A **Stepped Fan Regulator** | No | 32 | | 270.47 | 0.00 | 0.00 | 0.00 |
| E38 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A **16Amps one way** | No | 21 | | 107.81 | 0.00 | 0.00 | 0.00 |
| E39 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A **6/16Amps universal socket** | No | 21 | | 139.02 | 0.00 | 0.00 | 0.00 |
| E40 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293 GROUP A **TV/Tel phone socket** | No | 4 | | 77.55 | 0.00 | 0.00 | 0.00 |
| E41 | Supplying 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab | No | 1900 | | 6.43 | 0.00 | 0.00 | 0.00 |
| E42 | LED Indoor Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition **1*4' -28 watts** | No | 35 | | 1677.67 | 0.00 | 0.00 | 0.00 |
| E43 | Supply of recess mounted rolling type LED square or round Down light 12 watts with 4/6W GU 10 LED Lamp Rib Fabricated from Die cast aluminum with white powder coated prewired to mains connector with suitable driver & having swiveling unit of aluminum die cast eye ball & LED Lamp position retained by circular wire spring. 5 years Warranty against any manufacturing defect working under standard electrical condition | No | 46 | | 1766.57 | 0.00 | 0.00 | 0.00 |
| E44 | Supply of LED Square Recessed Down lighter with 18W System Wattage. Housing shall be with powder coated pressure die cast aluminum alloy with corrosion resistant polyester powder coat & with extended heat sink. Diffuser/cover made of Lexan plastic material. Rated life shall be L70 @ 50000 Hrs. which shall has inbuilt electrical protection like over/under voltage, short circuit, overload, open circuit & miswiring. Driver is on constant current driver output driver @ 0.06A with PF > 0.9 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens. 5 years Warranty against any manufacturing defect working under standard electrical condition | No | 60 | | 4676.49 | 0.00 | 0.00 | 0.00 |
| E45 | Supplying CFL mirror light fitting with 1x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC supply | No | 12 | | 612.81 | 0.00 | 0.00 | 0.00 |

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|---|---|---|---|---|---|---|---|---|
| | ...ing capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., ...operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. 48" Sweep (1200mm) | No | 32 | | 2246.98 | 0.00 | 0.00 | 0.00 |
| E47 | Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete. | No | 12 | | 3455.59 | 0.00 | 0.00 | 0.00 |
| E48 | Fixing all types and all capacities fluorescent/false ceiling/spot light/ CFL fittings indoor on the wall/ ceiling/rafters/girders using 23/0.0076" twin PVC insulated wires, required nos of round blocks and clamps (if required) | No | 153 | | 92.68 | 0.00 | 0.00 | 0.00 |
| E49 | Fixing a ceiling/wall mounting fan of all capacities and all types with necessary clamps and S hook made out of 15mm dia MS rod, with 5 amps ceiling rose of approved quality with necessary length of 23/0.0076 inch PVC insulated twin twisted wire of approved quality with regulator mounted on a suitable size wooden board and wired complete. | No | 32 | | 224.13 | 0.00 | 0.00 | 0.00 |
| E50 | Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match the existing wall or brackets, with bolts and nuts and a 5 amps, ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame. | No | 12 | | 643.08 | 0.00 | 0.00 | 0.00 |
| E51 | Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. | No | 2 | 2.00 | 285.60 | 571.20 | 2.00 | 571.20 |
| E52 | Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. | No | 8 | | 221.29 | 0.00 | 0.00 | 0.00 |
| E53 | Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. ( Icu = Ics)Four pole | No | 2 | | 3824.41 | 0.00 | 0.00 | 0.00 |
| E54 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. **5-32 Amps SP. Group'A'** | No | 55 | | 395.30 | 0.00 | 0.00 | 0.00 |
| E55 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. **5-32 Amps DP. Group'A'** | No | 6 | | 802.90 | 0.00 | 0.00 | 0.00 |
| E56 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. **40-63 Amps TPN** | No | 4 | | 1830.88 | 0.00 | 0.00 | 0.00 |
| E57 | Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door **12 way SPN** | No | 1 | | 1533.93 | 0.00 | 0.00 | 0.00 |

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|---|---|---|---|---|---|---|---|---|
| | ...ing and fixing regular MCB distribution boards on wall / wood board / flush ...nting using required clamps, bolts, nuts etc., with provision for fixing suitable type ...apacity MCB's single phase / 3 phase / single door with powder coated painting. Made out ...of 14 SWG MS enclosure.II - Double Door **6 way TPN** | No | 1 | | 2711.32 | 0.00 | 0.00 | 0.00 |
| E59 | Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door **8 way TPN** | No | 1 | | 3390.33 | 0.00 | 0.00 | 0.00 |
| E60 | Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker [ELMCB] 240/450V up to 300mA sensitivity on existing wood/panel board. **63 Amps 4 pole** | No | 1 | | 2281.03 | 0.00 | 0.00 | 0.00 |
| E61 | Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker [ELMCB] 240/450V up to 300mA sensitivity on existing wood/panel board. **16-25 Amps 2 pole** | No | 2 | | 3168.10 | 0.00 | 0.00 | 0.00 |
| E62 | Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/ manual reset facility suitable to mount on DIN rail/ flush mounting on panel board. | No | 2 | | 7563.71 | 0.00 | 0.00 | 0.00 |
| E63 | Supplying, fixing and wiring 3 Phase Digital Ammeter /Voltmeter. | No | 2 | | 1157.54 | 0.00 | 0.00 | 0.00 |
| E64 | Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy. | No | 2 | | 7568.44 | 0.00 | 0.00 | 0.00 |
| E65 | Supplying, fixing and wiring 1000/5A to 1600/5A 15VA Burden class 1 Current Transformer. | No | 6 | | 680.90 | 0.00 | 0.00 | 0.00 |
| E66 | Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C. | No | 6 | | 418.00 | 0.00 | 0.00 | 0.00 |
| E67 | Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. | Mtr | 8 | | 2782.25 | 0.00 | 0.00 | 0.00 |
| E68 | Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. | Mtr | 18 | | 319.65 | 0.00 | 0.00 | 0.00 |
| E69 | Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. | Sqcms | 190000 | 190000.00 | 0.35 | 66482.71 | 190000.00 | 66482.71 |

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| E70 | ...ing fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts. | No | 4 | | 4082.59 | 0.00 | 0.00 | 0.00 |
| E71 | Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. **GI Strip. 25x3mm** | Mtr | 40 | | 72.82 | 0.00 | 0.00 | 0.00 |
| E72 | Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. **Copper strip. 25x3mm.** | No | 4 | | 6759.86 | 0.00 | 0.00 | 0.00 |
| E73 | Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. **12 SWG. Copper Wire** | Mtr | 115 | | 56.46 | 0.00 | 0.00 | 0.00 |
| E74 | Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. **3.5 core 35 sqmm** | Mtr | 200 | | 192.92 | 0.00 | 0.00 | 0.00 |
| E75 | Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. **25 sqmm to 75 sqmm** | Mtr | 160 | | 15.32 | 0.00 | 0.00 | 0.00 |
| E76 | Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. **On wall structure. 25 sqmm to 75 sqmm** | Mtr | 40 | | 32.91 | 0.00 | 0.00 | 0.00 |
| E77 | Digging of trench of 0.6m deep * 0.50mtr wide refiling the trench to the required ground level & consolidating etc., complete. | Mtr | 60 | 60.00 | 100.24 | 6014.65 | 60.00 | 6014.65 |
| E78 | Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable. | Mtr | 60 | 60.00 | 97.41 | 5844.43 | 60.00 | 5844.43 |
| E79 | Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) **63mm dia** | Mtr | 6 | 6.00 | 378.28 | 2269.68 | 6.00 | 2269.68 |
| E80 | Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes **6sqmm** | Mtr | 8 | | 5.91 | 0.00 | 0.00 | 0.00 |
| E81 | Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes **10sqmm** | Mtr | 20 | | 7.23 | 0.00 | 0.00 | 0.00 |
| E82 | Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes **35sqmm Long Barrel** | Mtr | 32 | | 33.78 | 0.00 | 0.00 | 0.00 |
| E83 | Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV **65mm** | Mtr | 24 | | 553.23 | 0.00 | 0.00 | 0.00 |

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|---|---|---|---|---|---|---|---|---|
| | ...ing and fixing L.T cast Iron pot heads suitable for 1.1 KV class UG cable filled ...necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts ...and washers etc. **35 Sqmm** | No | 4 | 4.00 | 342.34 | 1369.37 | 4.00 | 1369.37 |
| E85 | Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable. **2PAIR** | No | 100 | | 12.29 | 0.00 | 0.00 | 0.00 |
| E86 | Supplying and drawing PVC insulated gas injected physical foam jelly flooded co-axial TV cable.RG-6. | No | 100 | | 33.10 | 0.00 | 0.00 | 0.00 |
| E87 | Supplying and fixing telescopic M.S. bracket fabricated by using 0.5m length 4" dia telescopic M. S. pipe, with 2" dia 1.5m long M. S. bracket and are welded with suitable angle, using 6mm thick M. S. sheet, grip bolts & nuts, as required, suitable for 9 to 12 mtrs. M. S. tubular pole, with necessary two coats of painting, with all other accessories. **Single bracket 1.5 Mtr. Length** | No | 8 | | 1221.84 | 0.00 | 0.00 | 0.00 |
| E88 | LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any | No | 8 | | 17703.50 | 0.00 | 0.00 | 0.00 |
| E89 | Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A **3C X 4.0Sq.mm** | Mtr | 60 | | 119.82 | 0.00 | 0.00 | 0.00 |
| E90 | Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. | Unit | 7 | | 3030.36 | 0.00 | 0.00 | 0.00 |
| E91 | Providing gun metal pillar cocks 15mm dia of I class confirming to iSI specifications and fixing them in position as per directions including of cost of materials and fixtures and conveyance to spot. | Each | 16 | | 255.34 | 0.00 | 0.00 | 0.00 |
| E92 | Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. | Each | 12 | | 163.42 | 0.00 | 0.00 | 0.00 |

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| E93 | ...ding and fixing polished granite sink of size 60cms x 90cms of 23cm thick, the sink portion shall be 15cm in depth of shapes oval/round/ square over brick masonry in cement mortar-1:6 including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportion charges and all other incidental charges etc., complete as per specification and direction of the Engineer-in-charge of the work. | Each | 2 | | 7220.99 | 0.00 | 0.00 | 0.00 |
| E94 | Providing and fixing laboratory sink of white glazed fire clay of size 600x450x200mm with M.S / C.I brackets, C.P brass chain with rubber plug, 32 mm C.P. brass waste, tap with union, brass stop cock complete, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specification and direction of the Engineer-in-charge of the work. | Unit | 2 | 0.00 | 3467.50 | 0.00 | 0.00 | 0.00 |
| E95 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (Internal work exposed on wall)_**15mm nominal OD pipes** | m | 40 | 40.00 | 117.46 | 4698.24 | 40.00 | 4698.24 |
| E96 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (Internal work exposed on wall)_**20mm nominal OD pipes** | m | 195 | 195.00 | 137.88 | 26887.20 | 195.00 | 26887.20 |
| E97 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (Internal work exposed on wall)_**25mm nominal OD pipes** | m | 100 | 100.00 | 173.63 | 17363.05 | 100.00 | 17363.05 |
| E98 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (Internal work exposed on wall)_**32mm nominal OD pipes** | m | 65 | 65.00 | 229.81 | 14937.33 | 65.00 | 14937.33 |